

C L A I M S:

WE CLAIM:

1. A pleat or corrugation of a bellows of a connection
5 between two hinge-linked vehicles or vehicle sections e.g., of
an articulated bus, the corrugation or pleat in the corner
zone of the bellows being comprised, for the purpose of
increasing the expansion of the bellows in the corner zone, of
10 a pleat or corrugation insert unit having a plurality of
pleats or corrugations, with said pleat or corrugation insert
unit (20) tapering in the region of the upper end thereof
toward the vertex (11) of the pleat (10) or corrugation where
it is connected to said pleat or corrugation.

2. A pleat or corrugation of a bellows of a connection
15 between two hinge-linked vehicles or vehicle sections
according to claim 1,

characterized in that, the pleat or corrugation insert
unit (20) is integrally formed from plastic material, e.g.,
from injection moulded PU.

20 3. A pleat or corrugation of a bellows of a connection
between two hinge-linked vehicles or vehicle sections
according to claim 1,

characterized in that, in the transition zone to the
bellows bottom (30), the pleats (10) or corrugations of the
25 pleat or corrugation insert unit (20) have a height that
corresponds to the height of the pleat (10) or corrugation
receiving the pleat or corrugation insert unit (21, 22, 23).

4. A pleat or corrugation of a bellows of a connection
between two hinge-linked vehicles or vehicle sections
30 according to claim 1,

characterized in that, in the transition zone to the
vertex (11) of the receiving pleat or corrugation, the pleat
(20) or corrugation insert unit tapers to approximately the
35 thickness of the pleat or corrugation material in the vertex
(11) of the pleat or corrugation.

5. A pleat or corrugation of a bellows of a connection between two hinge-linked vehicles or vehicle sections according to claim 1,

characterized in that the vertex of the pleats or corrugations of the pleat (20) or corrugation insert unit is provided with a border element (25), e.g., in the form of a frame.

6. A pleat or corrugation of a bellows of a connection between two hinge-linked vehicles or vehicle sections according to claim 1,

characterized in that, the height of the pleat (10) or corrugation receiving the pleat or corrugation insert unit (20) is much lower in the bottom region than in the region of the side wall.